

VFFS Bagger and Multihead Weigher

Vertical Form Fill Seal Machine with Multihead Weigher Automation

Overview & Key Features:

Our Vertical Form Fill Seal (VFFS) machine, integrated with a multihead weigher, offers an advanced, space-efficient solution for packaging automation. This system is ideal for operations where speed, accuracy, and cost-effectiveness are paramount, all within a compact footprint.

- **Compact Design:** Optimized for installations with limited vertical space, such as workshops with a height of 3 meters or less.
- **Cost-Effective:** An affordable solution that does not compromise on performance, providing excellent return on investment.
- **Enhanced Stability and Accuracy:** Engineered to deliver precise and stable operations for consistent packaging results.
- **Integrated System:** Combines both weighing and packaging in one seamless unit, controlled via a user-friendly HMI interface.
- **Versatile Applications:** Suitable for a wide range of products with custom solutions available to meet specific customer requirements.

This combination of a multihead weigher and VFFS bagging machine offers a highly efficient, low-footprint solution without sacrificing speed or accuracy, making it an ideal choice for businesses with space constraints.

Key Features:

- **Ideal for Low-Level Applications:** Tailored for operations where the operator is positioned at a lower level, reducing strain and improving ergonomics.
- **Eliminates Need for a Multihead Weigher Gantry:** Streamlines installation and reduces overall equipment costs.
- **Cost-Effective Solution:** Delivers high-quality performance at an affordable price point.
- **Compact & Small Footprint:** Takes up minimal space in your production area, perfect for environments where space is at a premium.
- **Low Drop Design:** The low-level transfer from the weigher to the bagger ensures gentle handling of products.
- **Quick-Release Contact Parts:** Enables fast and tool-free maintenance for maximum uptime.
- **Dual-Action Control:** A single HMI screen controls both the multihead weigher and the bagger, simplifying operation and reducing training time.
- **Servo-Driven Belts:** Ensures smooth, efficient product handling with precise control over speed and accuracy.

Main Specifications:

- **Frame Material:** SUS304 stainless steel for durability and corrosion resistance.
- **Maximum Film Width:** 420mm for versatile packaging options.
- **Packaging Speed:** Up to 100 bags per minute (empty bags).
- **Compatible Packaging Material:** Standard heat-sealable composite film for a wide range of products.

Electrical Configuration:

- **PLC:** MITSUBISHI for reliable control.
- **Servo System:** Dual Panasonic servo motors for precise, responsive operation.
- **Pneumatic Components:** AIRTAC for durable and efficient air-powered mechanisms.
- **Sensors:** Banner photoelectric sensors for accurate product detection.
- **Printing:** Pneumatic hot stamp printer for clear, high-quality date/lot coding.

This **Vertical Form Fill Seal Machine with Multihead Weigher Automation** offers exceptional performance, flexibility, and ease of use, all within a compact and cost-effective solution. For further details or to discuss your specific needs, please contact us today on 02890 994 202 or email sales@totalfoodmachines.com



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